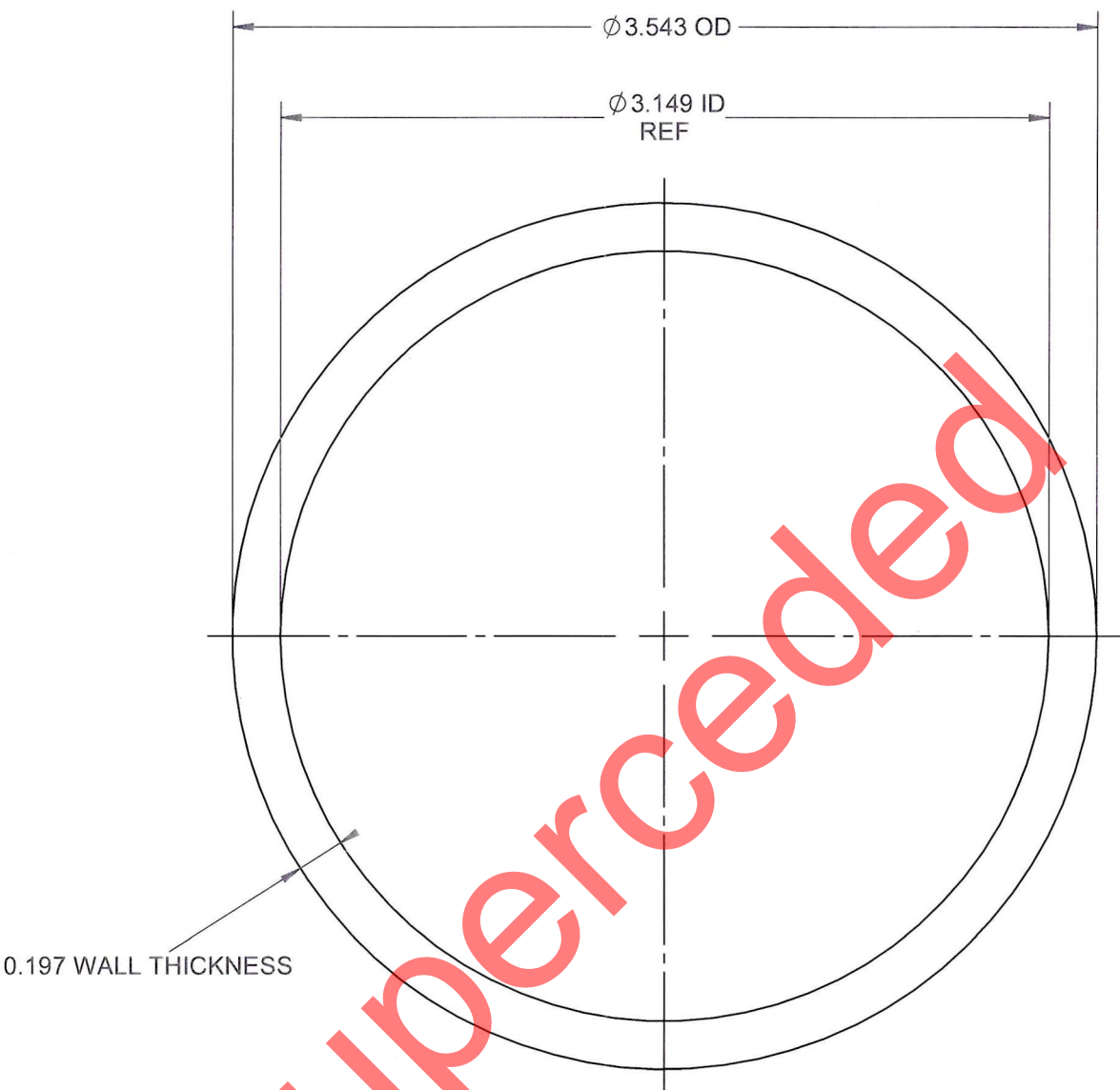


SPECIFICATION CONTROL DRAWING



D6027-XXX CROSSTUBE MATERIAL

WHERE XXX IS LENGTH IN INCHES  
EG. 103" LONG TUBE: D6027-103

- NOTES:
- 1) MATERIAL: 3.543 OD X 0.197 WALL 7075-T73/T73510/T73511 (WW-T-700/7 OR QQ-A-225/9 OR QQ-A-200/11 OR ASTM B210 OR ASTM B241) SEAMLESS ALUMINUM TUBE.  
MINIMUM ULTIMATE TENSILE STRENGTH = 68 KSI  
MINIMUM YIELD TENSILE STRENGTH = 58 KSI
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER ANSI H35.2 AS FOLLOWS:  
O.D.: +/- 0.015 MEAN (+/- 0.030 INCLUDING OVALITY)  
WALL: +/-0.013 MEAN (+/- 0.020 INCLUDING ECCENTRICITY)  
LENGTH: XXX +0.500/-0.000  
STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: N/A
  - 8) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE.  
THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY.  
CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

RELEASED  
2016 SEP 15  
ECN 16-609

APPROVED

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DE APPR.	DS	CROSSTUBE MATERIAL	NTS
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